

## Coast Guard, Dept. of Homeland Security

## § 59.01-2

### § 58.60-11 Analyses, plans, diagrams and specifications: Submission.

(a) Each industrial system must be analyzed by a registered professional engineer to certify that the system has been designed in accordance with applicable standards.

(b) The certification must—

(1) Appear on all diagrams and analyses; and

(2) Be submitted under § 50.20-5 of this chapter.

(c) Standards or specifications for non-pressurized, mechanical or structural systems, and components such as derricks, drawworks, and rotary tables which comply with standards or specifications not referenced in this subchapter must be referenced on the plans or in the specifications of the unit.

### § 58.60-13 Inspection.

An industrial system is accepted by the Coast Guard if the inspector finds—

(a) The system meets this subpart;

(b) There are guards, shields, insulation or similar devices for protection of personnel; and

(c) The system is not manifestly unsafe.

## PART 59—REPAIRS TO BOILERS, PRESSURE VESSELS AND APPURTENANCES

### Subpart 59.01—General Requirements

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59.01-1 Scope.

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### Subpart 59.10—Welding Repairs to Boilers and Pressure Vessels in Service

59.10-1 Scope.

59.10-5 Cracks.

59.10-10 Corroded surfaces.

59.10-15 Rivets and staybolts.

59.10-20 Patches in shells and tube sheets.

59.10-25 Stayed areas.

59.10-30 Seal welding.

59.10-35 Wrapper plates and back heads.

### Subpart 59.15—Miscellaneous Boiler Repairs

59.15-1 Furnace repairs.

59.15-5 Stayed furnaces and combustion chambers.

59.15-10 Bagged or blistered shell plates.

### Subpart 59.20—Welding Repairs to Castings

59.20-1 Carbon-steel or alloy-steel castings.

AUTHORITY: 46 U.S.C. 3306, 3703; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 227; Department of Homeland Security Delegation No. 0170.1.

SOURCE: CGFR 68-82, 33 FR 18887, Dec. 18, 1968, unless otherwise noted.

### Subpart 59.01—General Requirements

#### § 59.01-1 Scope.

The regulations in this part apply to the repairs of all boilers, appurtenances and pressure vessels subject to inspection by the Coast Guard.

#### § 59.01-2 Incorporation by reference.

(a) Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than that specified in this section, the Coast Guard must publish notice of change in the FEDERAL REGISTER and the material must be available to the public. All approved material is available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030 or go to [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). The material is also available for inspection at the U.S. Coast Guard, Office of Design and Engineering Standards (CG-521), 2100 2nd St., SW., Stop 7126, Washington, DC 20593-7126, and is available from the sources listed below.

(b) *American Society of Mechanical Engineers (ASME) International*, Three Park Avenue, New York, NY 10016-5990:

(1) 2001 ASME Boiler and Pressure Vessel Code, Section I, Rules for Construction of Power Boilers (July 1, 2001) (“Section I of the ASME Boiler and Pressure Vessel Code”), 59.10-5;

(2) ASME Boiler and Pressure Vessel Code, Section VII, Recommended Guidelines for the Care of Power Boilers (July 1, 2001) (“Section VII of the